

(Former
name or
former
address, if
changed
since last
report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01 Other Events.

On December 8, 2016, Cabot Microelectronics Corporation (the "Company") issued a press release entitled "Cabot Microelectronics Corporation Declares Quarterly Cash Dividend" announcing that its Board of Directors has declared a quarterly cash dividend of \$0.18 per share on the Company's common stock. The record date for the quarterly cash dividend will be the close of business on December 23, 2016, and the payable date for the quarterly cash dividend will be on or about January 30, 2017. The declaration and payment of future dividends is subject to the discretion and determination of the Company's Board of Directors and management, based on a variety of factors, and the program may be suspended, terminated or modified at any time for any reason.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

99.1 Press release, dated December 8, 2016, entitled "Cabot Microelectronics Corporation Declares Quarterly Cash Dividend."

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

CABOT MICROELECTRONICS CORPORATION
[Registrant]

Date: December 8, 2016 By: /s/ WILLIAM S. JOHNSON
William S. Johnson
Executive Vice President and Chief Financial Officer
[Principal Financial Officer]

EXHIBIT INDEX

Exhibit Number	Description
99.1	Press release, dated December 8, 2016, entitled "Cabot Microelectronics Corporation Declares Quarterly Cash Dividend."